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Alberta Oil Sands Annual Statistics for 1994



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Alberta Oil Sands Annual Statistics for 1994

ALBERTA ENERGY AND UTILITIES BOARD

Annual Statistics Series ERCB 95-43

Volume 12, April 1995

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NOTE: As of 15 February 1995, the Energy Resources Conservation Board (ERCB) and Public Utilities Board merged to form the Alberta Energy and Utilities Board (AEUB).

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Note: Inquiries regarding this publication should be directed to the AEUB's Oil Sands Department at 297-2399.

Standard of Measurements

1. Grade: Mass per cent bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15°C.
3. Liquid volume at 15°C.

-
- 1 Synthetic crude oil production does not include naphtha production.
 - 2 Other hydrocarbons production includes light slop material.
 - 3 Sulphur production includes flared/waste.
 - 4 Distillate production does not include heavy fuel oil.

**Annual
1994**

Synthetic Crude Oil (cubic metres)

January February March April May

Suncor

Opening Inventory	74 194.0	59 905.1	70 304.2	75 885.7	85 873.9
Production	276 201.4	291 531.4	318 840.0	308 394.6	242 148.4
	350 395.4	351 436.5	389 144.2	384 280.3	328 022.3
Closing Inventory	59 905.1	70 304.2	75 885.7	85 873.9	20 495.2
	290 490.3	281 132.3	313 258.5	298 406.4	307 527.1
Site Fuel / Use	4 679.1	3 443.6	3 276.6	3 084.3	5 479.4
Flared / Waste	0.0	0.0	0.0	0.0	0.0
Alberta Fuel	28 879.7	26 135.0	39 014.3	40 666.0	41 237.8
Metering Difference	(403.9)	(97.4)	(90.1)	98.3	42.2
Deliveries	257 335.4	251 651.1	271 057.7	254 557.8	260 767.7
	290 490.3	281 132.3	313 258.5	298 406.4	307 527.1

Syncrude

Opening Inventory	16 623	17 370	27 907	16 386	26 874
Production	914 146	862 714	923 684	498 812	908 438
	930 769	880 084	951 591	515 198	935 312
Closing Inventory	17 370	27 907	16 386	26 874	37 410
	913 399	852 177	935 205	488 324	897 902
Site Fuel / Use	7 594	7 589	7 134	7 531	7 866
Metering Difference	(1)	(19)	21	(19)	(19)
Deliveries	905 806	844 607	928 050	480 812	890 055
	913 399	852 177	935 205	488 324	897 902

June	July	August	September	October	November	December	1994
20 495.2	45 111.7	70 693.3	91 255.0	71 486.3	95 386.9	90 828.2	74 194.0
99 085.1	358 082.0	368 048.6	292 524.6	357 570.3	324 067.7	342 340.1	3 578 834.2
119 580.3	403 193.7	438 741.9	383 779.6	429 056.6	419 454.6	433 168.3	3 653 028.2
45 111.7	70 693.3	91 255.0	71 486.3	95 386.9	90 828.2	83 609.9	83 609.9
74 468.6	332 500.4	347 486.9	312 293.3	333 669.7	328 626.4	349 558.4	3 569 418.3
4 018.3	3 732.8	5 892.5	3 634.8	3 797.8	4 864.8	2 610.3	48 514.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 894.3	41 685.7	47 142.9	42 614.3	54 377.7	48 549.6	56 589.3	477 786.6
127.6	161.3	162.0	152.7	564.6	(182.3)	646.5	1 181.5
59 428.4	286 920.6	294 289.5	265 891.5	274 929.6	275 394.3	289 712.3	3 041 935.9
74 468.6	332 500.4	347 486.9	312 293.3	333 669.7	328 626.4	349 558.4	3 569 418.3
37 410	58 690	63 983	47 630	40 050	40 113	25 634	16 623
1 077 158	1 073 744	1 052 733	1 025 729	849 614	971 351	1 015 072	11 173 195
1 114 568	1 132 434	1 116 716	1 073 359	889 664	1 011 464	1 040 706	11 189 818
58 690	63 983	47 630	40 050	40 113	25 634	18 864	18 864
1 055 878	1 068 451	1 069 086	1 033 309	849 551	985 830	1 021 842	11 170 954
8 209	5 960	6 485	5 842	7 107	5 049	4 433	80 799
(38)	(10)	29	14	0	26	12	(4)
1 047 707	1 062 501	1 062 572	1 027 453	842 444	980 755	1 017 397	11 090 159
1 055 878	1 068 451	1 069 086	1 033 309	849 551	985 830	1 021 842	11 170 954

Other Hydrocarbons (cubic metres)

	January	February	March	April	May
Suncor					
Diluent Naphtha					
Opening Inventory	45 556.8	37 774.2	37 530.2	39 027.4	42 805.2
Production	(5 900.8)	1 146.8	2 897.3	5 418.1	1 628.3
	39 656.0	38 921.0	40 427.5	44 445.5	44 433.5
Closing Inventory	37 774.2	37 530.2	39 027.4	42 805.2	42 206.5
	1 881.8	1 390.8	1 400.1	1 640.3	2 227.0
Flared / Waste	1 881.8	1 390.7	1 400.1	1 640.3	2 227.0
Metering Difference	0.0	0.1	0.0	0.0	0.0
	1 881.8	1 390.8	1 400.1	1 640.3	2 227.0

Syncrude

Diluent Naphtha

Opening Inventory	62 467	67 849	69 025	67 215	68 045
Production	9 288	5 363	3 993	6 376	(892)
	71 755	73 212	73 018	73 591	67 153
Closing Inventory	67 849	69 025	67 215	68 045	63 589
	3 906	4 187	5 803	5 546	3 564
Flared / Waste	3 906	4 187	5 803	5 546	3 564
Metering Difference	0	0	0	0	0
	3 906	4 187	5 803	5 546	3 564

June	July	August	September	October	November	December	1994
42 206.5	44 530.5	43 785.6	45 345.3	43 314.7	40 155.8	48 320.7	45 556.8
4 166.4	2 794.7	3 377.8	771.7	1 032.7	10 084.5	(1 361.0)	26 056.5
46 372.9	47 325.2	47 163.4	46 117.0	44 347.4	50 240.3	46 959.7	71 613.3
44 530.5	43 785.6	45 345.3	43 314.7	40 155.8	48 320.7	46 116.6	46 116.6
1 842.4	3 539.6	1 818.1	2 802.3	4 191.6	1 919.6	843.1	25 496.7
1 842.4	3 539.6	1 818.2	2 802.3	4 191.6	1 919.6	843.1	25 496.7
0.0	0.0	(0.1)	0.0	0.0	0.0	0.0	0.0
1 842.4	3 539.6	1 818.1	2 802.3	4 191.6	1 919.6	843.1	25 496.7
63 589	58 860	58 522	60 343	60 617	62 407	62 654	62 467
(924)	3 439	5 979	3 317	5 651	4 484	3 269	49 343
62 665	62 299	64 501	63 660	66 268	66 891	65 923	111 810
58 860	58 522	60 343	60 617	62 407	62 654	61 016	61 016
3 805	3 777	4 158	3 043	3 861	4 237	4 907	50 794
3 805	3 777	4 158	3 043	3 861	4 237	4 907	50 794
0	0	0	0	0	0	0	0
3 805	3 777	4 158	3 043	3 861	4 237	4 907	50 794

Coke (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	3 563 445	3 582 464	3 613 812	3 660 757	3 697 328
Production	87 961	85 497	101 808	98 855	101 573
	3 651 406	3 667 961	3 715 620	3 759 612	3 798 901
Closing Inventory	3 582 464	3 613 812	3 660 757	3 697 328	3 734 873
	68 942	54 149	54 863	62 284	64 028
Site Fuel / Use	68 942	54 149	54 863	62 284	64 029
Metering Difference	0	0	0	0	(1)
	68 942	54 149	54 863	62 284	64 028

Syncrude

Opening Inventory	14 016 177	14 145 802	14 262 221	14 391 238	14 454 992
Production	129 625	116 419	129 017	63 754	129 019
	14 145 802	14 262 221	14 391 238	14 454 992	14 584 011
Closing Inventory	14 145 802	14 262 221	14 391 238	14 454 992	14 584 011
	0	0	0	0	0

Sulphur (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	0	0	0	173	173
Production	11 931	11 770	13 288	12 926	11 295
	11 931	11 770	13 288	13 099	11 468
Closing Inventory	0	0	173	173	173
	11 931	11 770	13 115	12 926	11 295
Flared / Waste	480	687	687	707	587
Metering Difference	0	0	0	1	0
Deliveries	11 451	11 083	12 428	12 218	10 708
	11 931	11 770	13 115	12 926	11 295

Syncrude

Opening Inventory	10 790	54 639	91 139	132 433	155 292
Production	44 414	36 500	41 294	22 859	38 248
	55 204	91 139	132 433	155 292	193 540
Closing Inventory	54 639	91 139	132 433	155 292	193 540
	565	0	0	0	0
Deliveries	565	0	0	0	0
Metering Difference	0	0	0	0	0
	565	0	0	0	0

Bitumen (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	22 631.4	36 973.7	27 525.2	37 319.2	34 285.8
Production	390 915.2	356 573.6	445 648.3	420 176.4	434 554.5
	413 546.6	393 547.3	473 173.5	457 495.6	468 840.3
Closing Inventory	36 973.7	27 525.2	37 319.2	34 285.8	33 992.7
	376 572.9	366 022.1	435 854.3	423 209.8	434 847.6
Further Processing	376 573.0	366 022.2	435 854.3	423 209.8	434 847.6
Metering Difference	(0.1)	(0.1)	0.0	0.0	0.0
	376 572.9	366 022.1	435 854.3	423 209.8	434 847.6

Synchrude

Opening Inventory	386 842	302 014	241 877	217 736	254 460
Production	1 047 607	956 749	1 073 945	643 036	1 221 344
From Other	8 054	8 832	10 903	10 343	9 916
	1 442 503	1 267 595	1 326 725	871 115	1 485 720
Closing Inventory	302 014	241 877	217 736	254 460	320 164
	1 140 489	1 025 718	1 108 989	616 655	1 165 556
Further Processing	1 140 489	1 025 719	1 108 989	616 654	1 165 556
Metering Difference	0	(1)	0	1	0
	1 140 489	1 025 718	1 108 989	616 655	1 165 556

Note: Bitumen production includes tertiary recovery from tailing ponds.

June	July	August	September	October	November	December	1994
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33 992.7	46 331.0	27 558.2	44 537.1	34 626.5	38 872.0	34 546.8	22 631.4
409 937.3	440 787.0	459 514.4	410 541.4	474 127.8	447 819.9	431 554.6	5 122 150.4
443 930.0	487 118.0	487 072.6	455 078.5	508 754.3	486 691.9	466 101.4	5 144 781.8
46 331.0	27 558.2	44 537.1	34 626.5	38 872.0	34 546.8	31 861.1	31 861.1
397 599.0	459 559.8	442 535.5	420 452.0	469 882.3	452 145.1	434 240.3	5 112 920.7

397 599.0	459 559.7	442 535.6	420 452.1	469 882.3	452 145.1	434 240.3	5 112 921.0
0.0	0.1	(0.1)	(0.1)	0.0	0.0	0.0	(0.3)
397 599.0	459 559.8	442 535.5	420 452.0	469 882.3	452 145.1	434 240.3	5 112 920.7

320 164	327 070	324 182	331 579	349 278	421 262	431 282	386 842
1 194 403	1 251 220	1 257 393	1 210 750	1 108 931	1 216 524	1 138 267	13 320 169
10 006	2 916	3 269	1 343	791	1 375	386	68 134
1 524 573	1 581 206	1 584 844	1 543 672	1 459 000	1 639 161	1 569 935	13 775 145
327 070	324 182	331 579	349 278	421 262	431 282	410 765	410 765
1 197 503	1 257 024	1 253 265	1 194 394	1 037 738	1 207 879	1 159 170	13 364 380

1 197 502	1 257 026	1 253 265	1 194 393	1 037 738	1 207 878	1 159 171	13 364 380
1	(2)	0	1	0	1	(1)	0
1 197 503	1 257 024	1 253 265	1 194 394	1 037 738	1 207 879	1 159 170	13 364 380

Distillate (cubic meters)

	January	February	March	April	May
Suncor					
Opening Inventory	45 197.5	58 008.8	32 463.6	31 880.2	21 446.7
Production	327 886.6	314 883.3	366 113.4	357 914.1	372 631.5
	373 084.1	372 892.1	398 577.0	389 794.3	394 078.2
Closing Inventory	58 008.8	32 463.6	31 880.2	21 446.7	96 636.8
	315 075.3	340 428.5	366 696.8	368 347.6	297 441.4
Further Processing	291 933.4	308 755.1	333 917.6	328 088.6	258 581.3
Site Fuel / Use	0.0	0.0	0.0	0.0	0.0
Flared Waste	0.0	0.0	0.0	0.0	7 150.8
Metering Difference	0.5	(757.4)	306.4	49.5	(1.9)
Deliveries	23 141.4	32 430.8	32 472.8	40 209.5	31 711.2
	315 075.3	340 428.5	366 696.8	368 347.6	297 441.4

Syncrude

Opening Inventory	38 126	73 979	63 458	57 816	80 685
Production	949 499	848 945	913 256	523 182	968 771
	987 625	922 924	976 714	580 998	1 049 456
Closing Inventory	73 979	63 458	57 816	80 685	150 469
	913 646	859 466	918 898	500 313	898 987
Further Processing	900 655	847 181	908 328	488 620	889 948
Metering Difference	12 991	12 285	10 570	11 693	9 039
	913 646	859 466	918 898	500 313	898 987

June	July	August	September	October	November	December	1994
96 636.8	104 232.5	77 874.1	43 245.2	72 545.2	76 388.5	70 659.5	45 197.5
348 303.1	383 613.5	360 091.7	343 169.1	381 587.1	367 019.0	374 458.5	4 297 670.9
444 939.9	487 846.0	437 965.8	386 414.3	454 132.3	443 407.5	445 118.0	4 342 868.4
104 232.5	77 874.1	43 245.2	72 545.2	76 388.5	70 659.5	48 043.4	48 043.4
340 707.4	409 971.9	394 720.6	313 869.1	377 743.8	372 748.0	397 074.6	4 294 825.0
121 591.2	366 522.3	370 103.4	289 659.8	353 061.4	332 128.5	350 649.6	3 704 992.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13 080.2	2 229.7	0.0	0.0	0.0	0.0	0.0	22 460.7
0.0	0.0	0.0	(0.1)	0.0	0.0	0.0	(403.0)
206 036.0	41 219.9	24 617.2	24 209.4	24 682.4	40 619.5	46 425.0	567 775.1
340 707.4	409 971.9	394 720.6	313 869.1	377 743.8	372 748.0	397 074.6	4 294 825.0
150 469	88 711	71 134	67 146	47 343	72 135	120 687	38 126
1 002 333	1 048 936	1 044 235	999 390	871 404	1 013 330	963 304	11 146 585
1 152 802	1 137 647	1 115 369	1 066 536	918 747	1 085 465	1 083 991	11 184 711
88 711	71 134	67 146	47 343	72 135	120 687	75 377	75 377
1 064 091	1 066 513	1 048 223	1 019 193	846 612	964 778	1 008 614	11 109 334
1 058 468	1 056 761	1 040 106	1 005 821	832 798	952 645	997 976	10 979 307
5 623	9 752	8 117	13 372	13 814	12 133	10 638	130 027
1 064 091	1 066 513	1 048 223	1 019 193	846 612	964 778	1 008 614	11 109 334

**Historical
1967-1994**

Oil Sands Mining and Processing

	1967-1985	1985	1986	1987	1988
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Suncor

Mined (Tonnes)	539 786 156	30 030 918	39 410 278	32 748 835	38 286 734
(Grade)	11.49	12.02	12.30	11.87	11.62
Processed (Tonnes)	539 786 014	30 030 776	39 410 278	32 748 805	38 286 734
(Grade)	11.49	12.02	12.30	11.87	11.62

Syncrude

Mined (Tonnes)	511 162 134	96 050 486	97 343 534	103 843 559	110 228 489
(Grade)	11.04	10.83	10.71	10.57	10.54
Processed (Tonnes)	512 461 611	97 349 963	97 426 709	104 674 905	110 139 733
(Grade)	11.03	10.85	10.72	10.59	10.54

1989

1990

1991

1992

1993

1994

39 980 603

35 531 087

40 926 316

40 227 053

39 445 067

47 984 999

12.02

11.97

11.89

11.93

12.20

11.70

39 980 603

35 527 560

40 926 230

40 199 552

39 445 067

47 984 999

12.02

11.97

11.89

11.93

12.20

11.70

110 355 250

116 230 884

124 726 418

125 040 162

131 178 516

140 056 765

10.44

10.40

10.52

10.84

10.77

10.62

108 796 928

118 278 033

124 399 359

124 702 480

130 564 438

140 212 227

10.46

10.38

10.51

10.84

10.77

10.62

Synthetic Crude Oil (cubic metres)

	1967-1985	1985	1986	1987	1988
Suncor					
Opening Inventory	0.0	77 828.4	87 886.4	80 692.9	44 125.9
Production	41 090 648.3	2 175 029.4	3 271 435.0	2 503 449.7	2 971 639.0
From Other	0.0	0.0	0.0	0.0	0.0
	41 090 648.3	2 252 857.8	3 359 321.4	2 584 142.6	3 015 764.9
Closing Inventory	87 886.4	87 886.4	80 692.9	44 125.9	84 125.5
	41 002 761.9	2 164 971.4	3 278 628.5	2 540 016.7	2 931 639.4
Site Fuel / Use	522 797.9	44 410.3	31 232.7	28 685.6	40 439.3
Flared / Waste	3 594.4	78.7	0.0	0.0	0.0
Alberta Fuel	0.0	0.0	0.0	0.0	0.0
Metering Difference	73 430.6	374.6	(211.9)	3 492.0	(96.5)
Deliveries	40 402 939.0	2 120 107.8	3 247 607.7	2 507 839.1	2 891 296.6
	41 002 761.9	2 164 971.4	3 278 628.5	2 540 016.7	2 931 639.4

Syncrude

Opening Inventory	0.0	21 029	16 035	18 975	16 735
Production	36 568 704.4	7 394 245	7 487 380	7 917 836	8 718 705
	36 568 704.4	7 415 274	7 503 415	7 936 811	8 735 440
Closing Inventory	16 035.0	16 035	18 975	16 735	25 125
	36 552 669.4	7 399 239	7 484 440	7 920 076	8 710 315
Site Fuel / Use	0.0	0	0	0	34 564
Flared / Waste	21 283.8	0	0	0	0
Metering Difference	(7 474.6)	12	(5)	3	(15)
Deliveries	36 538 860.2	7 399 227	7 484 445	7 920 073	8 675 766
	36 552 669.4	7 399 239	7 484 440	7 920 076	8 710 315

Note: Syncrude production does not include diesel production (SCO site fuel uses) till 1988.

1989	1990	1991	1992	1993	1994
84 125.5	79 374.9	125 002.3	69 263.6	75 030.2	74 194.0
3 343 614.5	3 043 906.1	3 551 866.6	3 369 410.0	3 326 011.6	3 578 834.2
0.0	115.4	42.9	0.0	0.0	0.0
3 427 740.0	3 123 396.4	3 676 911.8	3 438 673.6	3 401 041.8	3 653 028.2
79 374.9	125 002.3	69 263.6	75 030.2	74 194.0	83 609.9
3 348 365.1	2 998 394.1	3 607 648.2	3 363 643.4	3 326 847.8	3 569 418.3
41 717.6	46 796.9	57 970.9	53 172.6	47 791.8	48 514.3
0.0	0.0	0.0	1 235.2	0.0	0.0
0.0	0.0	0.0	217 591.6	256 987.8	477 786.6
2 625.3	1 164.7	766.0	2 185.8	3 209.2	1 181.5
3 304 022.2	2 950 432.5	3 548 911.3	3 089 458.2	3 018 859.0	3 041 935.9
3 348 365.1	2 998 394.1	3 607 648.2	3 363 643.4	3 326 847.8	3 569 418.3
25 125	24 205	20 278	45 770	15 956	16 623
8 630 797	9 083 517	9 674 946	10 445 017	10 735 857	11 173 195
8 655 922	9 107 722	9 695 224	10 490 787	10 751 813	11 189 818
24 205	20 278	45 770	15 956	16 623	18 864
8 631 717	9 087 444	9 649 454	10 474 831	10 735 190	11 170 954
48 964	70 727	70 833	75 718	85 147	80 799
0	0	0	0	0	0
2	9	(47)	52	(1)	(4)
8 582 751	9 016 708	9 578 668	10 399 061	10 650 044	11 090 159
8 631 717	9 087 444	9 649 454	10 474 831	10 735 190	11 170 954

Other Hydrocarbons (cubic metres)

	1967-1985	1985	1986	1987	1988
Suncor					
Heavy Fuel Oil and Diluent Naphtha					
Opening Inventory	0.0	2 104.4	1 964.9	1 946.8	1 648.9
Production	572 516.8	21 284.5	26 385.8	10 618.3	9 586.8
	572 516.8	23 388.9	28 350.7	12 565.1	11 235.7
Closing Inventory	1 964.9	1 964.9	1 946.8	1 648.9	1 990.0
	570 551.9	21 424.0	26 403.9	10 916.2	9 245.7
Site Fuel / Use	576 063.7	21 424.1	26 403.8	10 916.1	13 049.8
Flared / Waste	6 024.2	0.0	0.0	0.0	0.0
Metering Difference	(11 536.0)	(0.1)	0.1	0.1	(3 804.1)
	570 551.9	21 424.0	26 403.9	10 916.2	9 245.7

Syncrude

Diluent Naphtha

Opening Inventory	68 232.4	59 730	60 295	54 371	58 712
Production	1 342 312.8	83 870	68 591	71 022	70 089
	1 410 545.2	143 600	128 886	125 393	128 801
Closing Inventory	60 295.0	60 295	54 371	58 712	66 761
	(*) 1 350 250.2	83 305	74 515	66 681	62 040
	1 350 250.2				
Further Processing	598 896.7	0	0	0	0
Site Fuel / Use	19 234.0	0	0	0	0
Flared / Waste	710 070.0	81 508	73 075	66 561	61 645
Metering Difference	1 796.5	1 797	1 440	120	395
Deliveries	21 480.0	0	0	0	0
	(*) 1 351 477.2	83 305	74 515	66 681	62 040

Note: (*) Totals differ due to the change in method of reporting.

1989	1990	1991	1992	1993	1994
1 990.0	45 323.0	46 644.8	47 568.8	45 602.4	45 556.8
51 409.2	25 214.4	49 612.6	45 345.3	30 290.7	26 056.5
53 399.2	70 537.4	96 257.4	92 914.1	75 893.1	71 613.3
45 323.0	46 644.8	47 568.8	45 602.4	45 556.8	46 116.6
(*) 8 076.2	23 892.6	48 688.6	47 311.7	30 336.3	25 496.7
0.0	0.0	0.0	0.0	0.0	0.0
54 209.5	23 892.7	48 688.7	47 311.6	30 340.4	25 496.7
0.0	(0.1)	(0.1)	0.1	(4.1)	0.0
(*) 54 209.5	23 892.6	48 688.6	47 311.7	30 336.3	25 496.7
66 761	57 483	65 184	69 251	69 858	62 467
53 820	69 839	86 075	63 166	40 214	49 343
120 581	127 322	151 259	132 417	110 072	111 810
57 483	65 184	69 251	69 858	62 467	61 016
63 098	62 138	82 008	62 559	47 605	50 794
0	0	0	0	0	0
0	0	0	0	0	0
63 099	62 138	82 009	62 558	47 605	50 794
(1)	0	(1)	1	0	0
0	0	0	0	0	0
63 098	62 138	82 008	62 559	47 605	50 794

Coke (tonnes)

	1967-1985	1985	1986	1987	1988
Suncor					
Opening Inventory	0	1 617 353	1 769 340	2 091 957	2 261 336
Production	12 544 506	749 995	995 682	806 824	930 479
	12 544 506	2 367 348	2 765 022	2 898 781	3 191 815
Closing Inventory	1 769 340	1 769 340	2 091 957	2 261 336	2 497 965
	10 775 166	598 008	673 065	637 445	693 850
Site Fuel / Use	11 470 918	642 828	636 730	631 893	705 381
Flared / Waste	53 175	0	0	0	0
Metering Difference	(982 650)	(48 666)	30 585	(2)	(18 412)
Deliveries	233 723	3 846	5 750	5 554	6 881
	10 775 166	598 008	673 065	637 445	693 850

Note: 1992 closing and 1993 opening inventory differ due to adjustment by survey department.

Syncrude

Opening Inventory	2 572	3 758 975	4 649 177	5 559 115	6 504 156
Production	4 648 436	890 202	909 938	945 041	1 025 087
	4 651 008	4 649 177	5 559 115	6 504 156	7 529 243
Closing Inventory	4 649 177	4 649 177	5 559 115	6 504 156	7 529 243
	1 831	0	0	0	0
Site Fuel / Use	4 780	0	0	0	0
Metering Difference	(3 010)	0	0	0	0
Deliveries	61	0	0	0	0
	1 831	0	0	0	0

1989	1990	1991	1992	1993	1994
2 497 965	2 818 449	3 051 900	3 383 324	3 276 713	3 563 445
1 028 237	903 154	1 018 677	995 631	1 027 507	1 194 294
3 526 202	3 721 603	4 070 577	4 378 955	4 304 220	4 757 739
2 818 449	3 051 900	3 383 324	3 286 630	3 563 445	3 966 606
707 753	669 703	687 253	1 092 325	740 775	791 133
698 849	654 335	687 253	716 876	693 460	791 131
0	0	0	0	0	0
8 904	15 368	0	375 449	47 315	2
0	0	0	0	0	0
707 753	669 703	687 253	1 092 325	740 775	791 133
7 529 243	8 433 003	9 738 202	11 107 805	12 563 020	14 016 177
903 760	1 305 199	1 369 603	1 455 215	1 453 157	1 492 367
8 433 003	9 738 202	11 107 805	12 563 020	14 016 177	15 508 544
8 433 003	9 738 202	11 107 805	12 563 020	14 016 177	15 508 544
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

Sulphur (tonnes)

	1967-1985	1985	1986	1987	1988
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Suncor

Opening Inventory	0	341 224	244 725	184 528	185 794
Production	1 461 713	87 977	123 483	99 228	116 440
	1 461 713	429 201	368 208	283 756	302 234
Closing Inventory	244 725	244 725	184 528	185 794	159 200
	1 216 988	184 476	183 680	97 962	143 034
Site Fuel / Use	1 355	0	0	0	0
Flared / Waste	228 343	11 507	9 998	6 164	8 647
Metering Difference	(141 440)	6 094	(112)	0	24 348
Deliveries	1 128 730	166 875	173 794	90 679	110 039
To Syncrude	0	0	0	1 119	0
	1 216 988	184 476	183 680	97 962	143 034

Syncrude

Opening Inventory	0	91 718	58 823	39 409	1 796
Production	1 453 446	304 017	310 702	326 783	368 401
From Suncor	0	0	0	1 119	0
	1 453 446	395 735	369 525	367 311	370 197
Closing Inventory	58 823	58 823	39 409	1 796	1 545
	1 394 623	336 912	330 116	365 515	368 652
Flared / Waste	(411)	0	0	12	0
Metering Difference	(12 964)	1	1	30 465	13
Deliveries	1 407 998	336 911	330 115	335 038	368 639
	1 394 623	336 912	330 116	365 515	368 652

1989	1990	1991	1992	1993	1994
159 200	145 177	126 260	126 143	126 910	0
130 545	118 556	142 255	131 142	137 383	152 403
289 745	263 733	268 515	257 285	264 293	152 403
145 177	126 260	126 143	126 910	0	282
144 568	137 473	142 372	130 375	264 293	152 121
0	0	0	0	0	0
9 021	5 770	5 480	5 150	5 760	6 902
(19 096)	(1 461)	0	(1)	130 954	1
154 643	133 164	136 892	125 226	127 579	145 218
0	0	0	0	0	0
144 568	137 473	142 372	130 375	264 293	152 121
1 545	1 410	9 276	9 713	10 863	10 790
360 300	382 564	407 751	448 035	462 083	478 092
0	0	0	0	0	0
361 845	383 974	417 027	457 748	472 946	488 882
1 410	9 276	9 713	10 863	10 790	488 317
360 435	374 698	407 314	446 885	462 156	565
0	0	0	0	0	0
0	0	0	0	9 111	0
360 435	374 698	407 314	446 885	453 045	565
360 435	374 698	407 314	446 885	462 156	565

Bitumen (cubic metres)

	1967-1985	1985	1986	1987	1988
Suncor					
Opening Inventory	0.0	15 693.0	22 631.3	49 245.6	44 237.0
Production	58 356 297.5	3 140 905.2	4 158 787.7	3 394 991.3	3 903 379.8
From Syncrude	145 862.6	76 572.6	64 689.0	47 258.0	76 523.2
From Other	0.0	0.0	0.0	0.0	0.0
	58 502 160.1	3 233 170.8	4 246 108.0	3 491 494.9	4 024 140.0
Closing Inventory	22 631.3	22 631.3	49 245.6	44 237.0	32 386.7
	58 479 528.8	3 210 539.5	4 196 862.4	3 447 257.9	3 991 753.3
Further Processing	58 445 608.7	3 210 539.5	4 196 841.9	3 451 933.6	3 984 533.2
Flared / Waste	0.0	0.0	0.0	0.0	7 219.8
Metering Difference	29 834.3	0.0	0.0	(4 675.7)	0.3
Deliveries	4 085.8	0.0	20.5	0.0	0.0
	58 479 528.8	3 210 539.5	4 196 862.4	3 447 257.9	3 991 753.3
Syncrude					
Opening Inventory	0.0	426 520	447 531	341 747	513 509
Production	47 611 491.3	9 289 128	9 328 971	10 014 284	10 559 758
From Other	0.0	0	0	0	0
	47 611 491.3	9 715 648	9 776 502	10 356 031	11 073 267
Closing Inventory	447 531.0	447 531	341 747	513 509	233 159
	(*) 47 163 960.3	9 268 117	9 434 755	9 842 522	10 840 108
Further Processing	47 052 509.5	9 187 890	9 370 066	9 795 262	10 763 860
Site Fuel / Use	2 508.7	0	0	0	0
Flared / Waste	19 595.0	0	0	0	0
Metering Difference	(35 109.9)	1 498	0	2	(392)
To Suncor	145 869.0	76 579	64 689	47 258	76 640
To Other	2 150.0	2 150	0	0	0
	(*) 47 187 522.3	9 268 117	9 434 755	9 842 522	10 840 108

Note:(*) Totals differ due to the change in method of reporting.

1989	1990	1991	1992	1993	1994
------	------	------	------	------	------

32 386.7	21 578.9	25 029.1	46 118.4	23 888.3	22 631.4
4 389 179.0	3 852 749.4	4 377 049.2	4 239 816.7	4 397 622.9	5 122 150.4
0.0	10 126.1	0.0	0.0	0.0	0.0
0.0	5 461.1	4 808.1	0.0	0.0	0.0

4 421 565.7	3 889 915.5	4 406 886.4	4 285 935.1	4 421 511.2	5 144 781.8
21 578.9	25 029.1	46 118.4	23 888.3	22 631.4	31 861.1
4 399 986.8	3 864 886.4	4 360 768.0	4 262 046.8	4 398 879.8	5 112 920.7

4 399 986.8	3 864 885.7	4 360 767.8	4 262 046.9	4 398 881.9	5 112 921.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.7	0.2	(0.1)	(2.1)	(0.3)
0.0	0.0	0.0	0.0	0.0	0.0
4 399 986.8	3 864 886.4	4 360 768.0	4 262 046.8	4 398 879.8	5 112 920.7

233 159	230 152	240 935	455 245	434 502	386 842
10 318 810	11 042 713	11 766 717	12 266 315	12 669 460	13 320 169
0	0	44 493	180 735	64 742	68 134
10 551 969	11 272 865	12 052 145	12 902 295	13 168 704	13 775 145
230 152	240 935	455 245	434 502	386 842	410 765
10 321 817	11 031 930	11 596 900	12 467 793	12 781 862	13 364 380

10 316 740	11 021 804	11 592 873	12 467 799	12 781 861	13 364 380
0	0	0	0	0	0
0	0	1	0	0	0
3 974	0	4 026	(6)	1	0
0	10 126	0	0	0	0
1 103	0	0	0	0	0
10 321 817	11 031 930	11 596 900	12 467 793	12 781 862	13 364 380

Distillate (cubic metres)

	1967-1985	1985	1986	1987	1988
Suncor					
Opening Inventory	33 143.9	3 717.4	6 308.6	3 042.3	61 134.1
Production	45 145 295.0	2 624 167.8	3 446 396.8	2 805 057.1	3 111 532.0
From Other	4 340.4	0.0	0.0	0.0	0.0
	45 182 779.3	2 627 885.2	3 452 705.4	2 808 099.4	3 172 666.1
Closing Inventory	6 308.6	6 308.6	3 042.3	61 134.1	4 386.4
	45 176 470.7	2 621 576.6	3 449 663.1	2 746 965.3	3 168 279.7
Further Processing	42 838 505.1	2 378 346.3	3 440 949.1	2 650 786.2	3 119 922.2
Site Fuel / Use	117 008.1	6 457.1	6 259.1	2 655.7	10 915.7
Flared / Waste	136 634.5	13 226.5	994.9	2 635.4	7 964.4
Metering Difference	30 881.4	2 971.6	444.3	3 433.8	2 240.7
Deliveries	2 053 441.6	220 575.1	1 015.7	87 454.2	27 236.7
	45 176 470.7	2 621 576.6	3 449 663.1	2 746 965.3	3 168 279.7

Syncrude

Opening Inventory	120 310.8	56 503	42 751	75 219	49 632
Production	37 774 046.8	7 348 876	7 439 630	7 802 133	8 708 573
	37 894 357.6	7 405 379	7 482 381	7 877 352	8 758 205
Closing Inventory	42 751.0	42 751	75 219	49 632	121 244
	(*) 37 851 606.6	7 362 628	7 407 162	7 827 720	8 636 961
Further Processing	37 805 820.1	7 347 556	7 400 106	7 821 229	8 607 031
Site Fuel / Use	(5 352.0)	0	0	0	0
Flared / Waste	25 537.0	11 046	1 090	0	0
Diluent					
Carryover/Rerun	(234 694.7)	4 026	4 650	0	0
Metering Difference	(2.6)	0	1 316	6 491	29 930
Deliveries	0.0	0	0	0	0
	(*) 37 591 307.8	7 362 628	7 407 162	7 827 720	8 636 961

Note: (*) Totals do not balance due to the change in method of reporting.

1989	1990	1991	1992	1993	1994
4 386.4	5 311.7	13 688.7	6 044.0	6 442.5	45 197.5
3 616 598.9	3 273 964.2	3 767 644.4	3 604 435.5	3 792 842.6	4 297 670.9
0.0	0.0	0.0	0.0	0.0	0.0
3 620 985.3	3 279 275.9	3 781 333.1	3 610 479.5	3 799 285.1	4 342 868.4
5 311.7	13 688.7	6 044.0	6 442.5	45 197.5	48 043.4
3 615 673.6	3 265 587.2	3 775 289.1	3 604 037.0	3 754 087.6	4 294 825.0
3 573 098.7	3 225 995.0	3 748 262.2	3 504 545.7	3 557 434.7	3 704 992.2
13 479.0	10 624.2	1 989.1	4 511.7	1 664.6	0.0
9 505.2	39.7	492.2	0.0	290.2	22 460.7
2 325.0	(731.1)	1 077.1	2 848.4	494.9	(403.0)
17 265.7	29 659.4	23 468.5	92 131.2	194 203.2	567 775.1
3 615 673.6	3 265 587.2	3 775 289.1	3 604 037.0	3 754 087.6	4 294 825.0
121 244	132 129	156 143	97 276	73 598	38 126
8 583 000	9 132 203	9 597 720	10 376 696	10 624 343	11 146 585
8 704 244	9 264 332	9 753 863	10 473 972	10 697 941	11 184 711
132 129	156 143	97 276	73 598	38 126	75 377
8 572 115	9 108 189	9 656 587	10 400 374	10 659 815	11 109 334
8 439 261	8 939 686	9 495 693	10 478 036	10 535 314	10 979 307
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
132 854	117 533	160 894	(77 662)	124 501	130 027
0	50 970	0	0	0	0
8 572 115	9 108 189	9 656 587	10 400 374	10 659 815	11 109 334

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